Ex No 1 SQL Data Definition Language Commands

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Aim: To study and implement the SQL Data Definition Languages commands.

Theory:

Data Definition Language commands consist of:-

1. CREATE: Used to create the database or its objects (table, index, etc.) Syntax: CREATE TABLE table_name;

Command: create table players(id int, name varchar(255), position varchar(10), age int)

Output: Table created



2. DROP: Used to delete objects from a database.

Syntax: DROP object object_name

Command: drop table players

Output: Table dropped.

3. ALTER: Used to alter the structure of the database.

Syntax: ALTER TABLE table_name ADD/DROP/MODIFY column_name

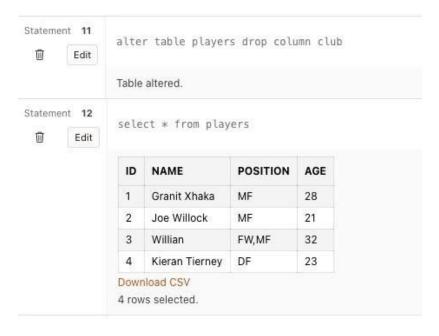
Command: alter table players add (club varchar(50))

Output: Table altered



Command: alter table players drop column club

Output: Table altered



4. TRUNCATE: Used to remove all records from a table, including all spaces allocated for the records are removed.

Syntax: TRUNCATE TABLE table_name

Command: truncate table players

Output: Table truncated



Result: Only the Data Definition Language commands are shown and successfully executed, we will be seeing the usage of other commands in DML and DQL.